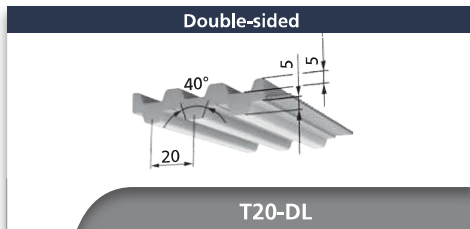
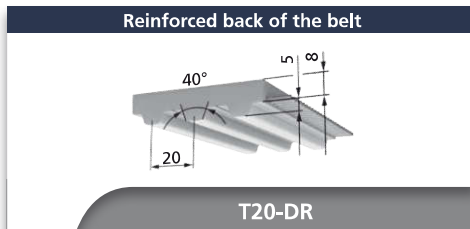


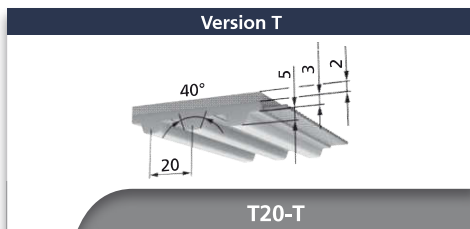
T20



T20-DL



T20-DR



T20-T

**Belt widths b [mm]
(in-between belt widths on request)**

32	50	75	100	150
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BFX T20	Available lengths and versions
Standard lengths	see table on the right
Any number of teeth available from	1100 mm up to 22000 mm
Width b=150 mm	1500 mm up to 15000 mm
Intermediate lengths	from 1100 mm o
StandardPlus version	1500 mm up to 22000 mm
Over 22000 mm	on request
Standard material	TPUST1 ¹⁾
Steel tension member (Standard)	x
E tension member	o
Stainless steel tension member	o
PAZ	x
DL / DL-PAZ	b _{max} =100 mm from 1100 mm o
DR / DR-PAZ	b _{max} =100 mm from 1100 mm o
T / T-PAZ	b _{max} =100 mm o

Standard lengths [mm] / Number of teeth

Length	Number of teeth	Length	Number of teeth	Length	Number of teeth
1500	75	2800	140	5300	265
1600	80	3000	150	5600	280
1700	85	3160	158	6000	300
1800	90	3360	168	6300	315
1900	95	3560	178	6700	335
2000	100	3760	188	7100	355
2120	106	4000	200	7500	375
2240	12	4260	213	8000	400
2360	118	4500	225	8500	425
2500	125	4760	238	9000	450
2660	133	5000	250		

- x available, standard lengths (see table) without minimum purchase
- o minimum purchase amount on request
- not available
- 1) further materials on request

BRECOFLEX® T20 Tooth shear strength (specific belt tooth load bearing)

R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{Uspec} [Ncm/cm]	P _{Uspec} [W/cm]	R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{Uspec} [Ncm/cm]	P _{Uspec} [W/cm]
0	101,50	32,30	0,000	1600	49,20	15,66	26,200
20	98,10	31,20	0,654	1700	48,20	15,33	27,300
40	95,30	30,30	1,271	1800	47,20	15,01	28,300
60	92,80	29,50	1,856	1900	46,20	14,71	29,300
80	90,70	28,90	2,420	2000	45,30	14,42	30,200
100	88,70	28,20	2,960	2200	43,60	13,89	32,000
200	81,20	25,90	5,420	2400	42,10	13,40	33,700
300	75,90	24,20	7,590	2600	40,70	12,95	35,200
400	71,80	22,90	9,570	2800	39,40	12,53	36,700
500	68,40	21,80	11,410	3000	38,10	12,13	38,100
600	65,60	20,90	13,110	3200	37,00	11,77	39,400
700	63,10	20,10	14,730	3400	35,90	11,42	40,700
800	60,90	19,40	16,250	3600	34,90	11,09	41,800
900	59,00	18,78	17,700	3800	33,90	10,78	42,900
1000	57,20	18,22	19,080	4000	33,00	10,49	43,900
1100	55,60	17,71	20,400	4500	30,80	9,81	46,200
1200	54,20	17,24	21,700	5000	28,90	9,21	48,200
1300	52,80	16,80	22,900	5500	27,20	8,66	49,900
1400	51,50	16,40	24,000	6000	25,60	8,16	51,200
1500	50,30	16,02	25,200	6500	24,20	7,69	52,400

BRECOFLEX® T20 Admissible tensile force of the belt F_{adm} / Belt weight

Belt width	b [mm]	32	50	75	100	150	
E / Steel tension member	F _{adm} [N]	4750	7750	12000	16000	24500	
Stainless steel tension member	F _{adm} [N]	3420	5580	8640	11520	17640	
Belt weight	Standard	[kg/m]	0,236	0,368	0,552	0,736	1,095
	DL	[kg/m]	0,319	0,499	0,753	1,004	-
	DR	[kg/m]	0,430	0,675	1,016	1,354	-
	T	[kg/m]	0,315	0,495	0,746	0,994	-

BRECOFLEX® T20 Flexibility (minimum number of teeth / minimum diameter)

		Steel tension member				E tension member				Stainless steel tension member				
		Standard	DL	DR	T	Standard	DL	DR	T	Standard	DL	DR	T	
z _{min} d _{min}	Without contra-flexure	z _{min}	15	25	25	25	12	25	25	25	20	30	25	25
	d _{min} [mm]		120	120	150	120	100	120	150	120	130	180	150	130
z _{min} d _{min}	With contra-flexure	z _{min}	25	25	25	25	22	25	25	25	30	30	30	30
	d _{min} [mm]		120	120	180	120	120	120	180	120	180	180	180	180